

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999  
TIME: 16:13:46

INPUT SET: S32924.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

ENTERED

## SEQUENCE LISTING

1  
2  
3 (1) General Information:  
4 (i) APPLICANT: ROBERT WEBBER  
5 (ii) TITLE OF INVENTION: IMMUNOASSAY METHOD EMPLOYING  
6 MONOCLONAL ANTIBODY REACTIVE TO HUMAN  
7 iNOS  
8 (iii) NUMBER OF SEQUENCES: 126  
9 (iv) CORRESPONDENCE ADDRESS:  
10 (A) ADDRESSEE: BIELEN, PETERSON & LAMPE  
11 (B) STREET: 1990 N. CALIFORNIA BOULEVARD, SUITE 720  
12 (C) CITY: WALNUT CREEK  
13 (D) STATE: CALIFORNIA  
14 (E) COUNTRY: UNITED STATES OF AMERICA  
15 (F) ZIP: 94596  
16 (v) COMPUTER READABLE FORM:  
17 (A) MEDIUM TYPE: DISKETTE 3.5 INCH, 1.44 MB FOR FORMATTED  
18 (B) COMPUTER: IBM PC COMPATIBLE  
19 (C) OPERATING SYSTEM: DOS  
20 (D) SOFTWARE: WORDPERFECT 5.1  
21 (vi) CURRENT APPLICATION DATA:  
22 (A) APPLICATION NUMBER: 08/833,506  
23 (B) FILING DATE: 7 April 1997  
24 (C) CLASSIFICATION:  
25 (vii) PRIOR APPLICATION DATA:  
26 (A) APPLICATION NUMBER: 08/634,332  
27 (B) FILING DATE: 12 APRIL 1996  
28 (viii) ATTORNEY/AGENT INFORMATION:  
29 (A) NAME: THEODORE J. BIELEN, JR.  
30 (B) REGISTRATION NUMBER: 27,420  
31 (C) REFERENCE/DOCKET NUMBER: 12280  
32 (ix) TELECOMMUNICATION INFORMATION:  
33 (A) TELEPHONE: (925) 937-1515  
34 (B) TELEFAX: (925) 937-1529  
35  
36  
37 (2) INFORMATION FOR SEQ ID NO: 1:  
38 (i) SEQUENCE CHARACTERISTICS:  
39 (A) LENGTH: 18  
40 (B) TYPE: AMINO ACID  
41 (D) TOPOLOGY: LINEAR  
42 (ii) MOLECULE TYPE: PEPTIDE  
43 (ix) FEATURE:  
44 (A) NAME/KEY: HUMAN iNOS (25-42)  
45 (B) LOCATION:  
46 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999  
TIME: 16:13:47

INPUT SET: S32924.raw

47 (D) OTHER INFORMATION:

48

49

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

51

52 Asn Asn Asn Val Glu Lys Ala Pro Cys Ala Thr Ser Ser

53

5

10

54 Pro Val Thr Gln Asp

55

15

56

57

58 (2) INFORMATION FOR SEQ ID NO: 2:

59 (i) SEQUENCE CHARACTERISTICS:

60 (A) LENGTH: 18

61 (B) TYPE: AMINO ACID

62 (D) TOPOLOGY: LINEAR

63 (ii) MOLECULE TYPE: PEPTIDE

64 (ix) FEATURE:

65 (A) NAME/KEY: MOUSE iNOS (25-42)

66 (B) LOCATION:

67 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

68 (D) OTHER INFORMATION:

69 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

70

71 Asn Asn Asn Val Lys Lys Thr Pro Cys Ala Val Leu Ser

72

5

10

73 Pro Thr Ile Gln Asp

74

15

75

76

77 (2) INFORMATION FOR SEQ ID NO: 3:

78 (i) SEQUENCE CHARACTERISTICS:

79 (A) LENGTH: 18

80 (B) TYPE: AMINO ACID

81 (D) TOPOLOGY: LINEAR

82 (ii) MOLECULE TYPE: PEPTIDE

83 (ix) FEATURE:

84 (A) NAME/KEY: RAT iNOS (25-42)

85 (B) LOCATION:

86 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

87 (D) OTHER INFORMATION:

88 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

89

90 Asn Asn Asn Val Glu Lys Thr Pro Gly Ala Ile Pro Ser

91

5

10

92 Pro Thr Thr Gln Asp

93

15

94

95

96 (2) INFORMATION FOR SEQ ID NO: 4:

97 (i) SEQUENCE CHARACTERISTICS:

98 (A) LENGTH: 18

99 (B) TYPE: AMINO ACID

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999  
TIME: 16:13:48

INPUT SET: S32924.raw

100 (D) TOPOLOGY: LINEAR  
101 (ii) MOLECULE TYPE: PEPTIDE  
102 (ix) FEATURE:  
103 (A) NAME/KEY: HUMAN iNOS (37-54)  
104 (B) LOCATION:  
105 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS  
106 (D) OTHER INFORMATION:  
107 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
108  
109 Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu  
110 5 10  
111 Ser Lys Gln Gln Asn  
112 15  
113  
114  
115 (2) INFORMATION FOR SEQ ID NO: 5:  
116 (i) SEQUENCE CHARACTERISTICS:  
117 (A) LENGTH: 18  
118 (B) TYPE: AMINO ACID  
119 (D) TOPOLOGY: LINEAR  
120 (ii) MOLECULE TYPE: PEPTIDE  
121 (ix) FEATURE:  
122 (A) NAME/KEY: HUMAN iNOS (781-798)  
123 (B) LOCATION:  
124 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS  
125 (D) OTHER INFORMATION:  
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
127  
128 Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp  
129 5 10  
130 Gly Pro Thr Pro His  
131 15  
132  
133  
134 (2) INFORMATION FOR SEQ ID NO: 6:  
135 (i) SEQUENCE CHARACTERISTICS:  
136 (A) LENGTH: 18  
137 (B) TYPE: AMINO ACID  
138 (D) TOPOLOGY: LINEAR  
139 (ii) MOLECULE TYPE: PEPTIDE  
140 (ix) FEATURE:  
141 (A) NAME/KEY: MOUSE iNOS (776-792)  
142 (B) LOCATION:  
143 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS  
144 (D) OTHER INFORMATION:  
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
146  
147 Xaa Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp  
148 5 10  
149 Cys Pro Thr Pro His  
150 15  
151  
152

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999  
TIME: 16:13:49

INPUT SET: S32924.raw

153  
154 (2) INFORMATION FOR SEQ ID NO: 7:  
155 (i) SEQUENCE CHARACTERISTICS:  
156 (A) LENGTH: 18  
157 (B) TYPE: AMINO ACID  
158 (D) TOPOLOGY: LINEAR  
159 (ii) MOLECULE TYPE: PEPTIDE  
160 (ix) FEATURE:  
161 (A) NAME/KEY: RAT iNOS (780-794)  
162 (B) LOCATION:  
163 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS  
164 (D) OTHER INFORMATION:  
165 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
166  
167 Xaa Xaa Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp  
168 5 10  
169 Cys Ser Ser Pro Xaa  
170 15  
171  
172  
173 (2) INFORMATION FOR SEQ ID NO: 8:  
174 (i) SEQUENCE CHARACTERISTICS:  
175 (A) LENGTH: 18  
176 (B) TYPE: AMINO ACID  
177 (D) TOPOLOGY: LINEAR  
178 (ii) MOLECULE TYPE: PEPTIDE  
179 (ix) FEATURE:  
180 (A) NAME/KEY: HUMAN iNOS (985-1002)  
181 (B) LOCATION:  
182 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS  
183 (D) OTHER INFORMATION:  
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
185  
186 Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu  
187 5 10  
188 His Asp Ser Gln His  
189 15  
190  
191  
192 (2) INFORMATION FOR SEQ ID NO: 9:  
193 (i) SEQUENCE CHARACTERISTICS:  
194 (A) LENGTH: 18  
195 (B) TYPE: AMINO ACID  
196 (D) TOPOLOGY: LINEAR  
197 (ii) MOLECULE TYPE: PEPTIDE  
198 (ix) FEATURE:  
199 (A) NAME/KEY: MOUSE iNOS (978-995)  
200 (B) LOCATION:  
201 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS  
202 (D) OTHER INFORMATION:  
203 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
204  
205

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/833,506CDATE: 08/13/1999  
TIME: 16:13:51

INPUT SET: S32924.raw

206 Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu  
207 5 10  
208 His Asp Ser Gln His  
209 15  
210  
211

212 (2) INFORMATION FOR SEQ ID NO: 10:

213 (i) SEQUENCE CHARACTERISTICS:

214 (A) LENGTH: 18

215 (B) TYPE: AMINO ACID

216 (D) TOPOLOGY: LINEAR

217 (ii) MOLECULE TYPE: PEPTIDE

218 (ix) FEATURE:

219 (A) NAME/KEY: RAT iNOS (982-998)

220 (B) LOCATION:

221 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

222 (D) OTHER INFORMATION:

223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

224  
225 Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu  
226 5 10  
227 His Asp Ser Gln His  
228 15  
229  
230

231 (2) INFORMATION FOR SEQ ID NO: 11:

232 (i) SEQUENCE CHARACTERISTICS:

233 (A) LENGTH: 18

234 (B) TYPE: AMINO ACID

235 (D) TOPOLOGY: LINEAR

236 (ii) MOLECULE TYPE: PEPTIDE

237 (ix) FEATURE:

238 (A) NAME/KEY: HUMAN nNOS (1256-1273)

239 (B) LOCATION:

240 (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

241 (D) OTHER INFORMATION:

242 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

243  
244 Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Gln  
245 5 10  
246 Phe Asp Ile Gln His  
247 15  
248  
249

250 (2) INFORMATION FOR SEQ ID NO: 12:

251 (i) SEQUENCE CHARACTERISTICS:

252 (A) LENGTH: 18

253 (B) TYPE: AMINO ACID

254 (D) TOPOLOGY: LINEAR

255 (ii) MOLECULE TYPE: PEPTIDE

256 (ix) FEATURE:

257 (A) NAME/KEY: HUMAN eNOS (1017-1031)

258 (B) LOCATION:

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/833,506C**

DATE: 08/13/1999  
TIME: 16:13:52

*INPUT SET: S32924.raw*

Line

Error

Original Text